Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

Inventors: Cheng et al.

Express Mail No. EV331580762US Mailed: December 30, 2003

FIG. 1

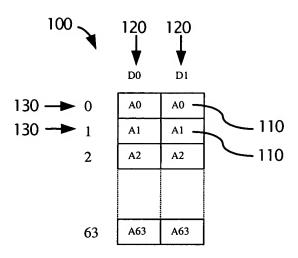
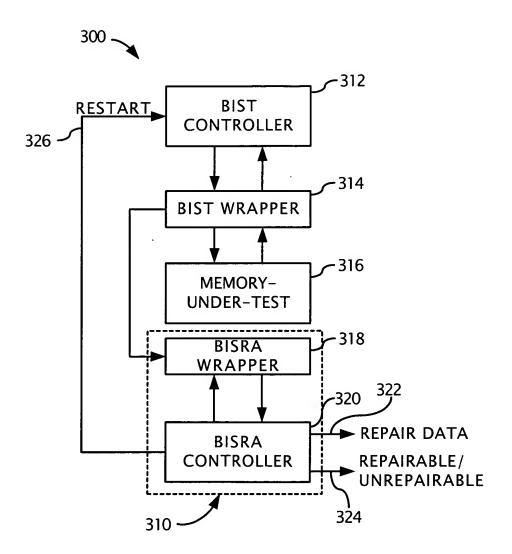


FIG. 2 220 220 222 224 D0 D0 D0 D0 D1 DI D11 D1 230 A0 **A2** A3 A0 A1 A2 A3 230 -Α5 A4 A6 Α7 A4 Α5 Α6 Α7 Α9 A10 A11 Α9 A10 A11 Α8 A8 A60 A61 A62 A63 A60 A61 A63

Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

FIG. 3



1 3

Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273

For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

FIG. 4

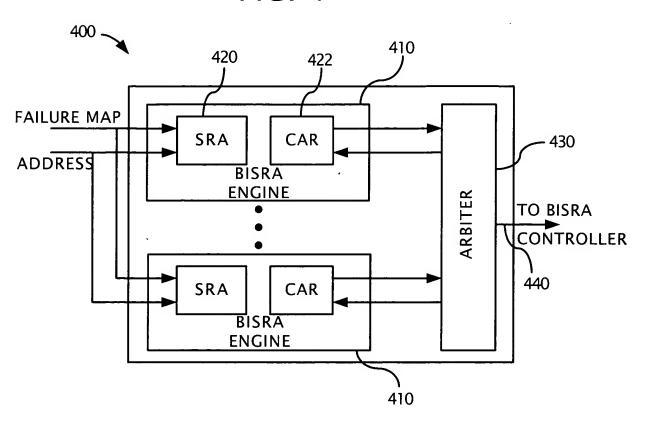
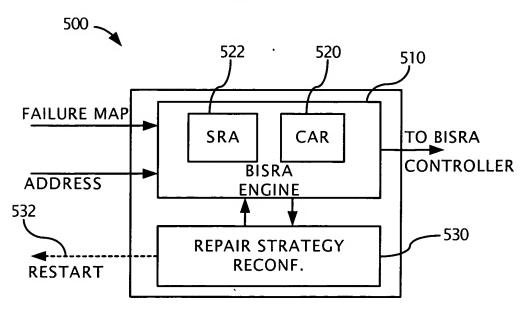


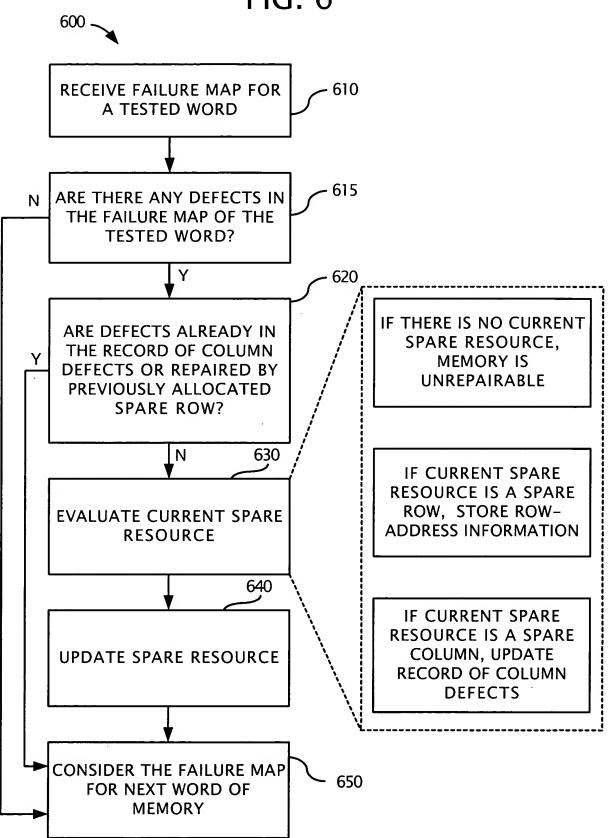
FIG. 5



Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

Inventors: Cheng et al. Express Mail No. EV331580762US Mailed: December 30, 2003

FIG. 6

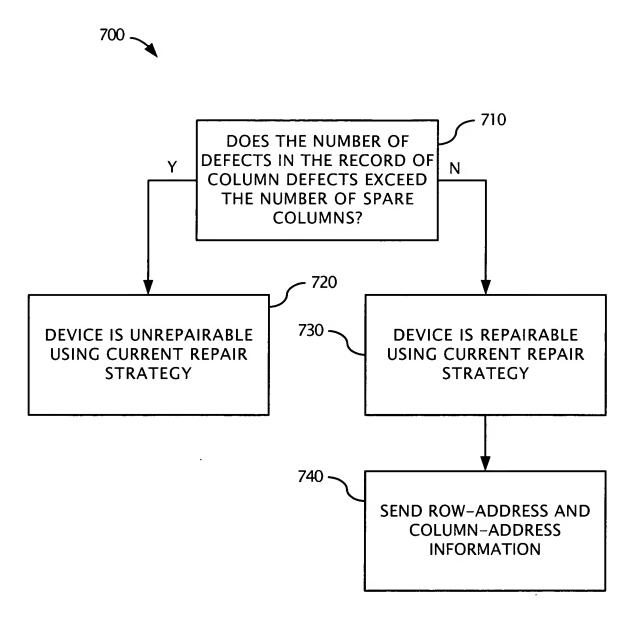


Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

Inventors: Cheng et al.

Express Mail No. EV331580762US Mailed: December 30, 2003

FIG. 7

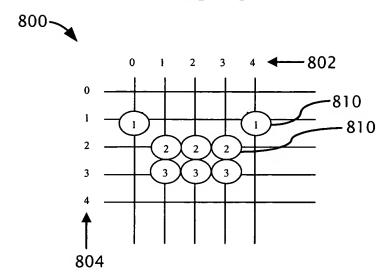


Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

Inventors: Cheng et al.

Express Mail No. EV331580762US Mailed: December 30, 2003

FIG. 8



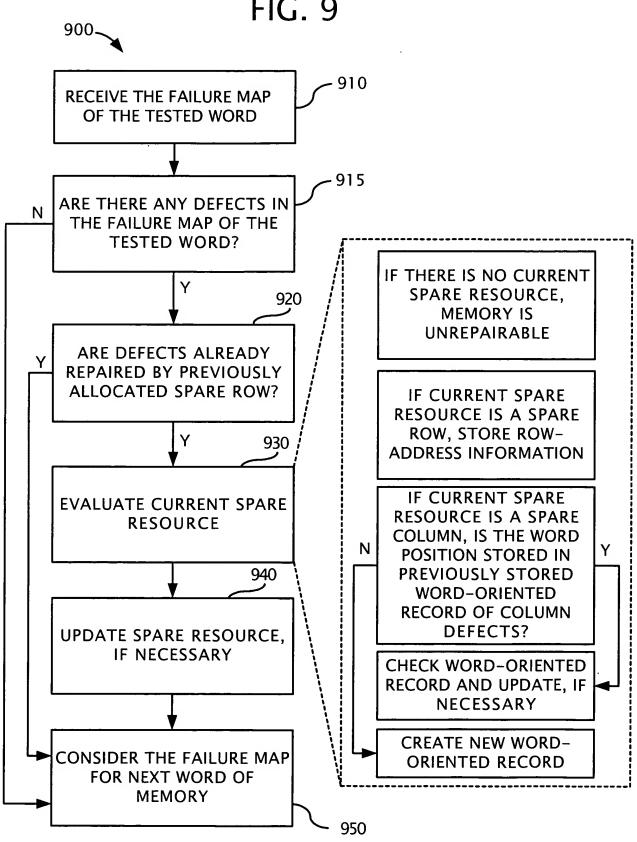
1000 🔪

FIG. 10

Word 0	Word 1	Word 31	_	Word 0	Word 1	Word 31		
		00010000						
				00010000				
		00000100						
					00000100			
	Case 1				Case 2			
Word 0	Word 1	Word 31	1	Word 0	Word 1	Word 31		
	00100100			00010000				
l .			ı		r e	1		
				1		00000100		
					00000100	00000100		

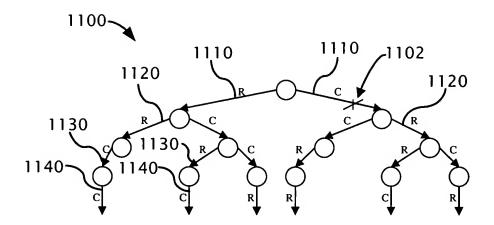
Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY





Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

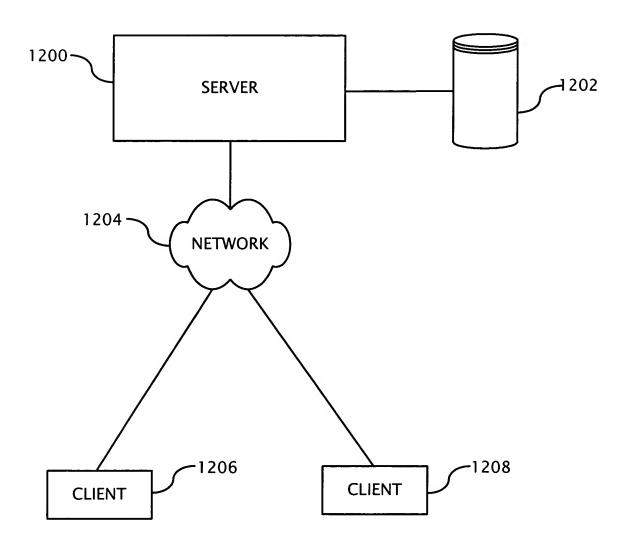
FIG. 11



Portland, Oregon 97204 Telephone: 503/226-7391

Our Ref. No. 1011-66273 For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

FIG. 12



Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-66273

For: BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY

Inventors: Cheng et al.

Express Mail No. EV331580762US Mailed: December 30, 2003

FIG. 13

